

## ABSTRACT OF THE DISCLOSURE

In the color management system, output profile of each connected output device is detected and a color reproduction region which is a region in color space is obtained. The color reproduction region is a range of color which can be reproduced by the output device. The conjunction of all color reproduction regions is obtained as a common color reproduction region and an edit profile restricted to the common color reproduction region is generated and updated. The range of the color information in image data for image editing is restricted to the common color reproduction region. Thereby, color space compression is unnecessary when outputting an image from each output device, and output images from output devices have the same color tone.